

MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS

REPORT FOR:

MONTH **February**

YEAR

2006

TO: Hydrometeorological Information Center, W/OH2
 NOAA / National Weather Service
 1325 East West Highway, Room 7230
 Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

March 15, 2006

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924)

[X] No flood stages were reached in the HSA this month.

February, 2006, was mostly dry until late in the month. During the last full week of the month, a strong upper level disturbance brought a widespread rain event for West Central Texas. Many areas across the Big Country and Heartland received one inch or more of precipitation from late February 23 through February 25. This event was a much needed break from the persistent dry weather pattern that has dominated over the region. However, this single event does not but much of a dent in the ongoing drought conditions experienced across the area. Furthermore, the enjoyment of the moisture was short-lived, as dry, warm and windy conditions quickly returned to West Central Texas.

The continual dry conditions play a significant role in agriculture across the region. The percent of available soil moisture, as compared to normal, ranges from 10 to 30 percent of normal across most of West Central Texas. Agricultural impacts noted across West Central Texas:

- Small grain fields and wheat conditions in some areas have improved slightly due to much needed rainfall.
- Recent rains stimulated some growth and green up of cool season grasses and forbs.
- Most range and pastures are still in poor condition and are in dire need of additional rainfall for growth.
- Some pecan irrigation has begun.

The San Angelo Regional Airport received 0.64 of an inch of precipitation during February, which is 0.54 of an inch below normal for the month. The monthly normal rainfall for San Angelo in February is 1.18 inches. Since November 1, 2005 through February 28, 2006, San Angelo received 0.82 of an inch of rain. Normal rainfall for San Angelo during this period is 4.04 inches.

The Abilene Regional Airport received 1.26 inches of rain during February, which is 0.13 of an inch above normal for the month. The monthly normal rainfall for Abilene in February is 1.13 inches. During the period November 1, 2005 through February 28, 2006, Abilene received 1.65 inches of rain. Normal rainfall for Abilene during this period is 4.67 inches.

Coop Observer Rainfall Totals for February, 2006:

| Station Name | Amt (in) | Station Name | Amt (in) |
|---------------|-------------|--------------------|-------------|
| Abilene 2 | M | Merkel 12SW | 1.24 |
| Acton Ranch | M | Oak Creek Lake | M |
| Albany | 1.76 | Ozona 22SE | 0.48 |
| Anson | 1.42 | Paint Rock | 1.18 |
| Ballinger 2NW | 0.81 | Putnam | 1.02 |
| Brady | 0.75 | Red Bluff Crossing | 1.28 |
| Brownwood | 0.97 | Richland Springs | M |
| Burkett | 1.12 | Robert Lee | 0.25 |

| | | | |
|---------------|------|-------------------|------|
| Coleman | 1.14 | Roscoe | M |
| Concho Park | 1.07 | Rotan | 0.50 |
| Eden | 0.62 | San Angelo WFO | 0.64 |
| Eldorado | 0.46 | San Saba 7NW | 0.81 |
| Eldorado 10W | 0.55 | Silver Valley | 0.65 |
| Eldorado 12N | 0.62 | Sonora | 0.54 |
| Fort Griffin | 1.47 | Stamford | M |
| Fort McKavett | 0.64 | Sterling City | 0.33 |
| Glen Cove | 0.62 | Sterling City 8NE | 0.81 |
| Hamlin | M | Taylor Ranch | 0.78 |
| Haskell | 0.29 | Telegraph | 0.55 |
| Hords Creek | 0.84 | Throckmorton 7NE | 1.01 |
| Humble Pump | M | Trent | 1.58 |
| Junction 4SSW | 0.51 | Water Valley | 0.18 |
| Lawn | 0.50 | Water Valley 11NE | 0.22 |
| London 3N | 0.14 | Winters | 0.35 |
| Mason | 0.99 | Woodson | 1.36 |
| Menard | 0.55 | | |

(M) *Missing data*

(T) *Trace*

Reservoir Conditions (end of February, 2006)

| Reservoir | Conservation Capacity (Ac-Ft) | Current Capacity (Ac-Ft) | Percent of Capacity (%) |
|--------------------|--|---|--|
| Fort Phantom Hill | 70,030 | 44,080 | 63 |
| Lake Stamford | 52,700 | 47,950 | 93 |
| Hubbard Creek Lake | 317,800 | 181,750 | 57 |
| Hords Creek Lake | 8,800 | 6,450 | 80 |
| Lake Brownwood | 131,428 | 117,800 | 90 |
| E.V. Spence | 488,760 | 90,260 | 17 |
| O.C. Fisher | 119,200 | 13,150 | 11 |
| O.H. Ivie | 554,340 | 286,200 | 52 |
| Twin Buttes | 177,800 | 57,440 | 32 |

Hydro Products Issued

FFA = 0

FFW = 0

FFS = 0

FLS = 0

RVS = 0

FLW = 0

ESF = 2 (Hydrologic Outlook – Drought Statement)